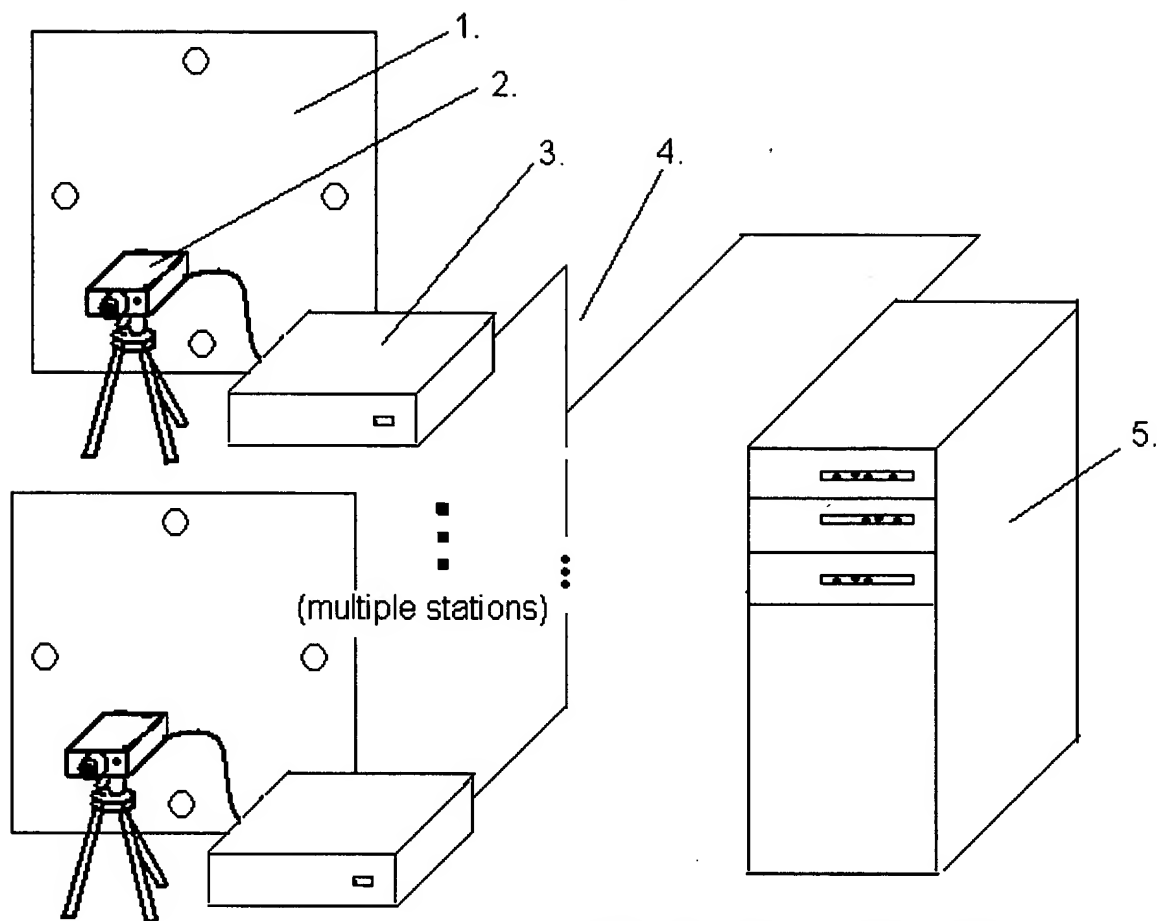
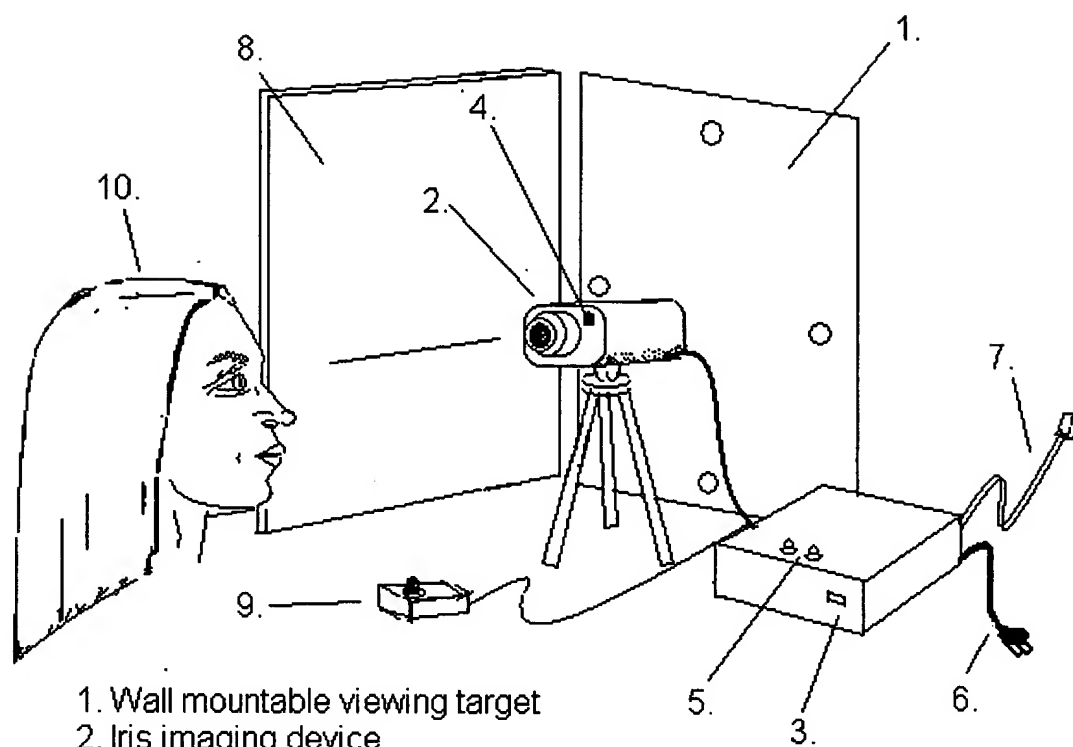


FIG. 1.



1. Wall mountable viewing target
2. Iris imaging device
3. Iris image processing station
4. Data medium
5. Authentication server

FIG. 2.



- 1. Wall mountable viewing target
- 2. Iris imaging device
- 3. Iris image processing station
- 4. Imaging indicator
- 5. Authentication success/failure indicator lights
- 6. Power cord
- 7. Communication cable
- 8. Privacy shield
- 9. Authentication start switch
- 10. Authentication candidate

FIG. 3.

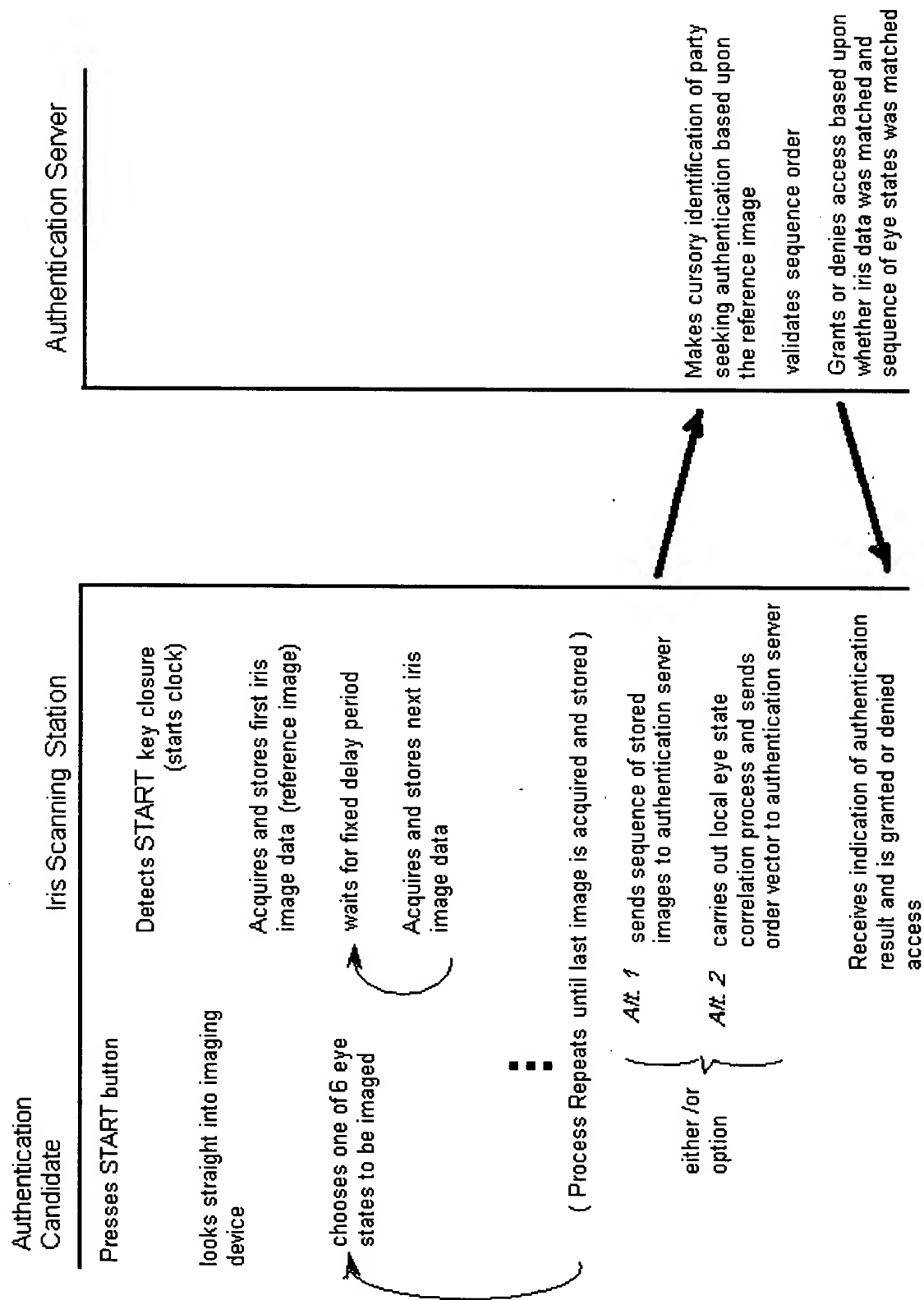
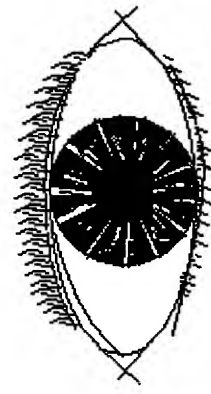
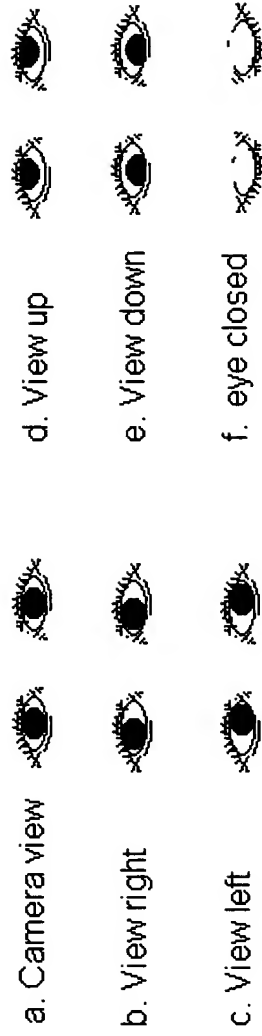


FIG. 4.



1. Human eye showing iris

2. Depiction of six eye states detectable by iris imaging and recognition systems



3. Example of a possible authentication sequence



4. Corresponding order vector based upon definitions enumerated above

[a, f, a, c, d]

FIG. 5.

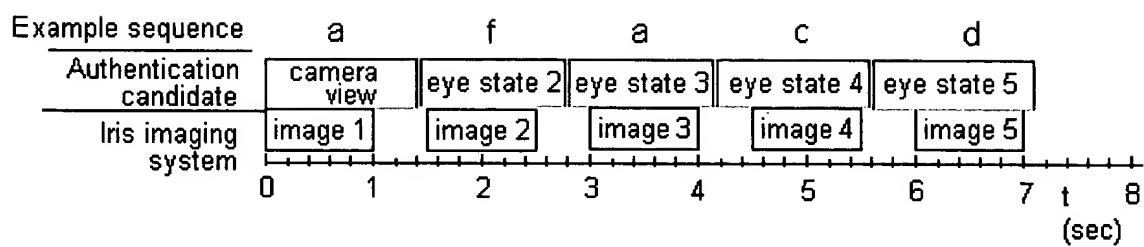


FIG. 6.

Recommended Authentication Data Packet Structure

Alternative 1.

Authentication Server
Eye State Correlation

Reference Iris Image Data
Iris Image 2 Data
Iris Image 3 Data
Iris Image 4 Data
Iris Image 5 Data

Alternative 2.

Iris Image Processing
Station Eye State Correlation

Reference Iris Image Data
Eye State Vector

FIG. 7.

IRIS SCANNING STATION SIDE
AUTHENTICATION PROCESS

ALTERNATIVE 1.
(SERVER SIDE ORDER PROCESSING)

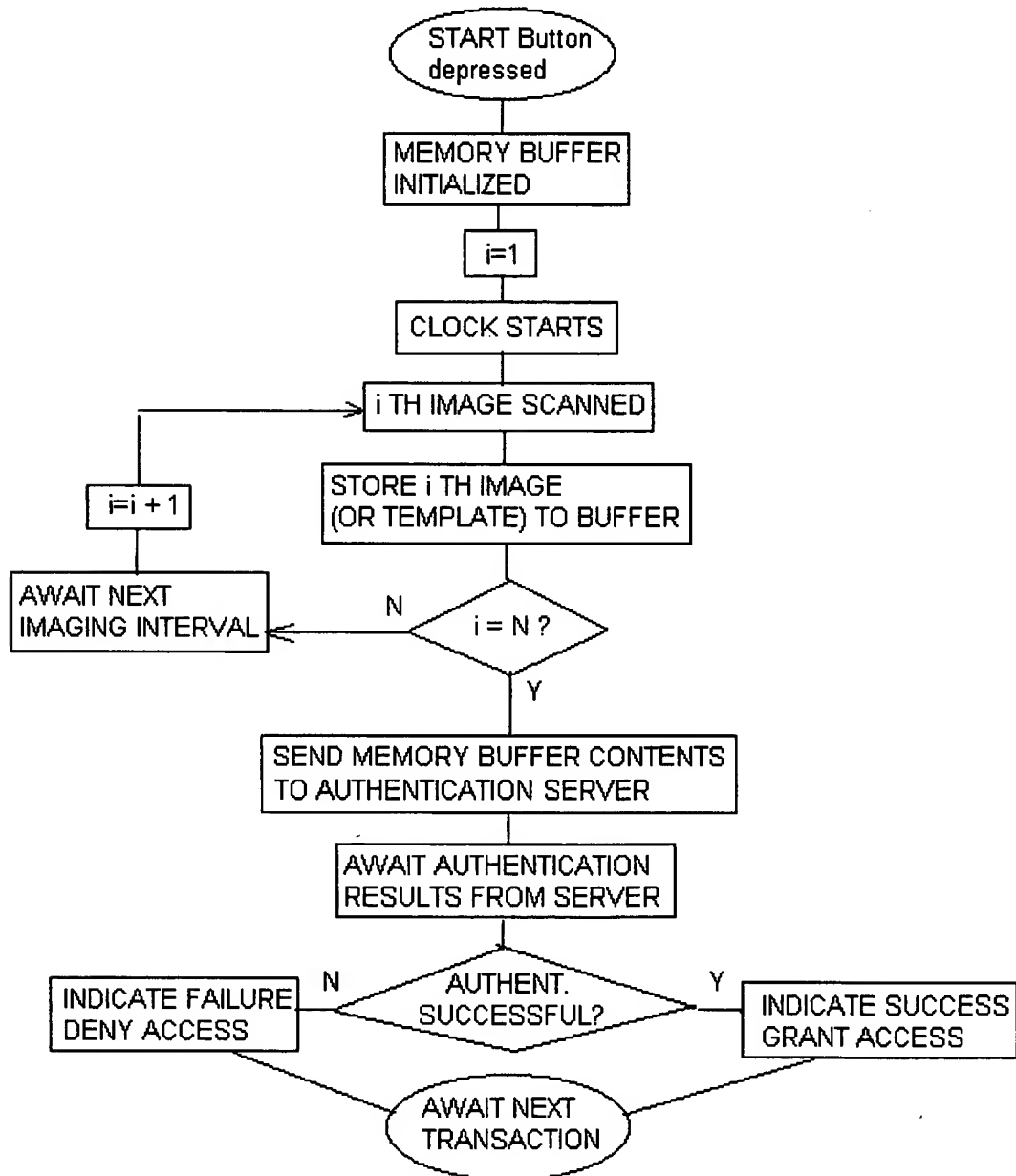
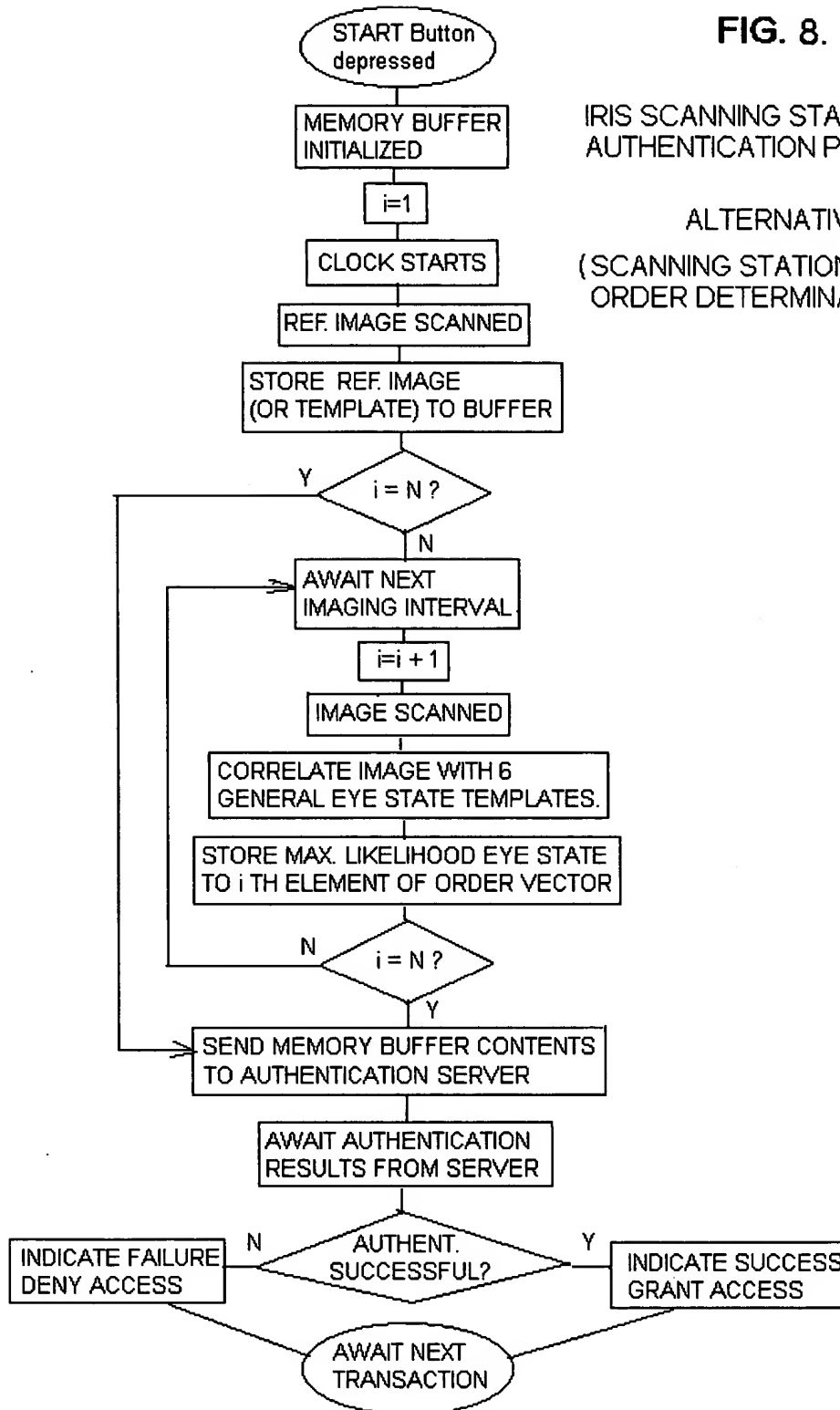


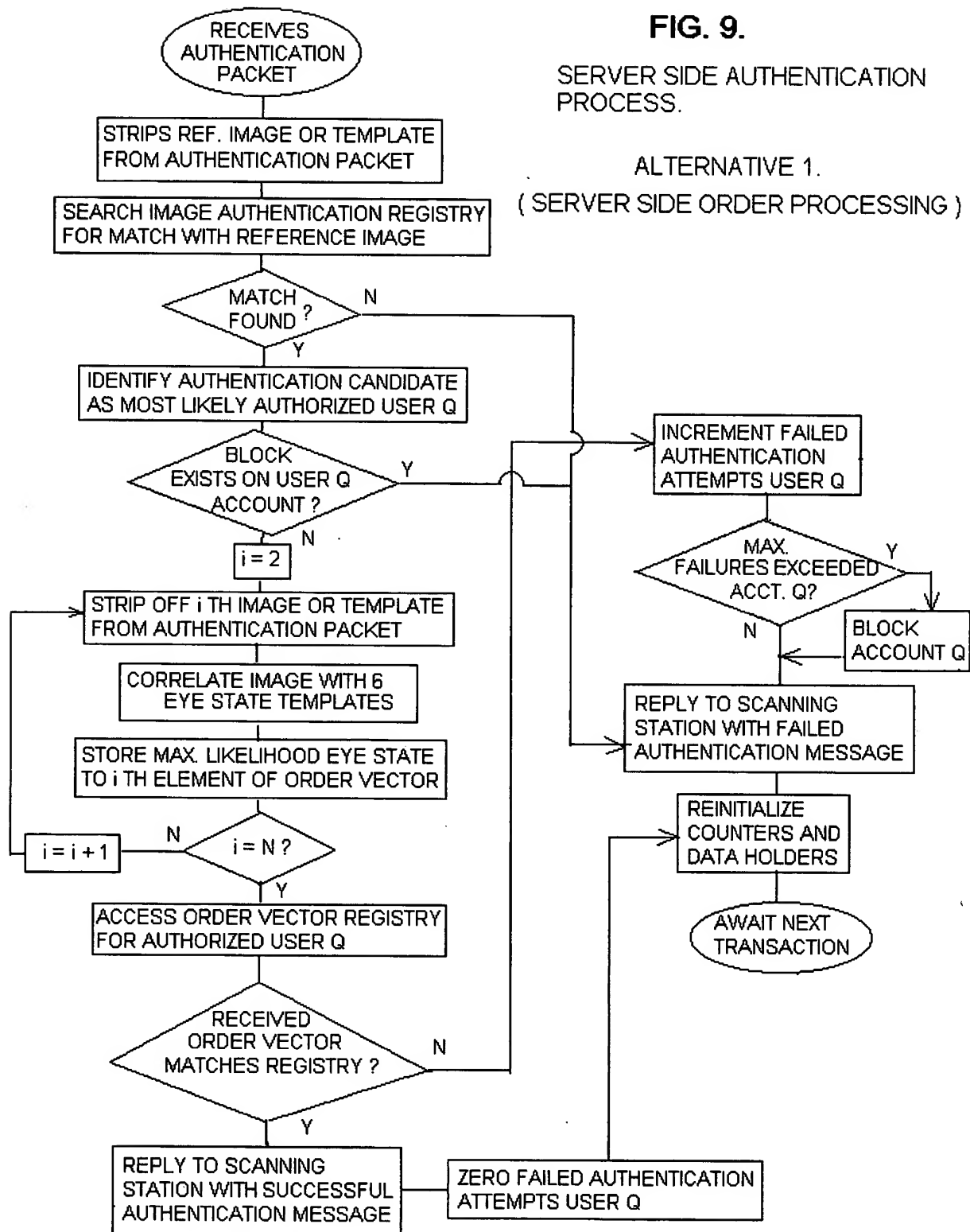
FIG. 8.

IRIS SCANNING STATION SIDE
AUTHENTICATION PROCESS

ALTERNATIVE 2.

(SCANNING STATION SIDE IMAGE
ORDER DETERMINATION)





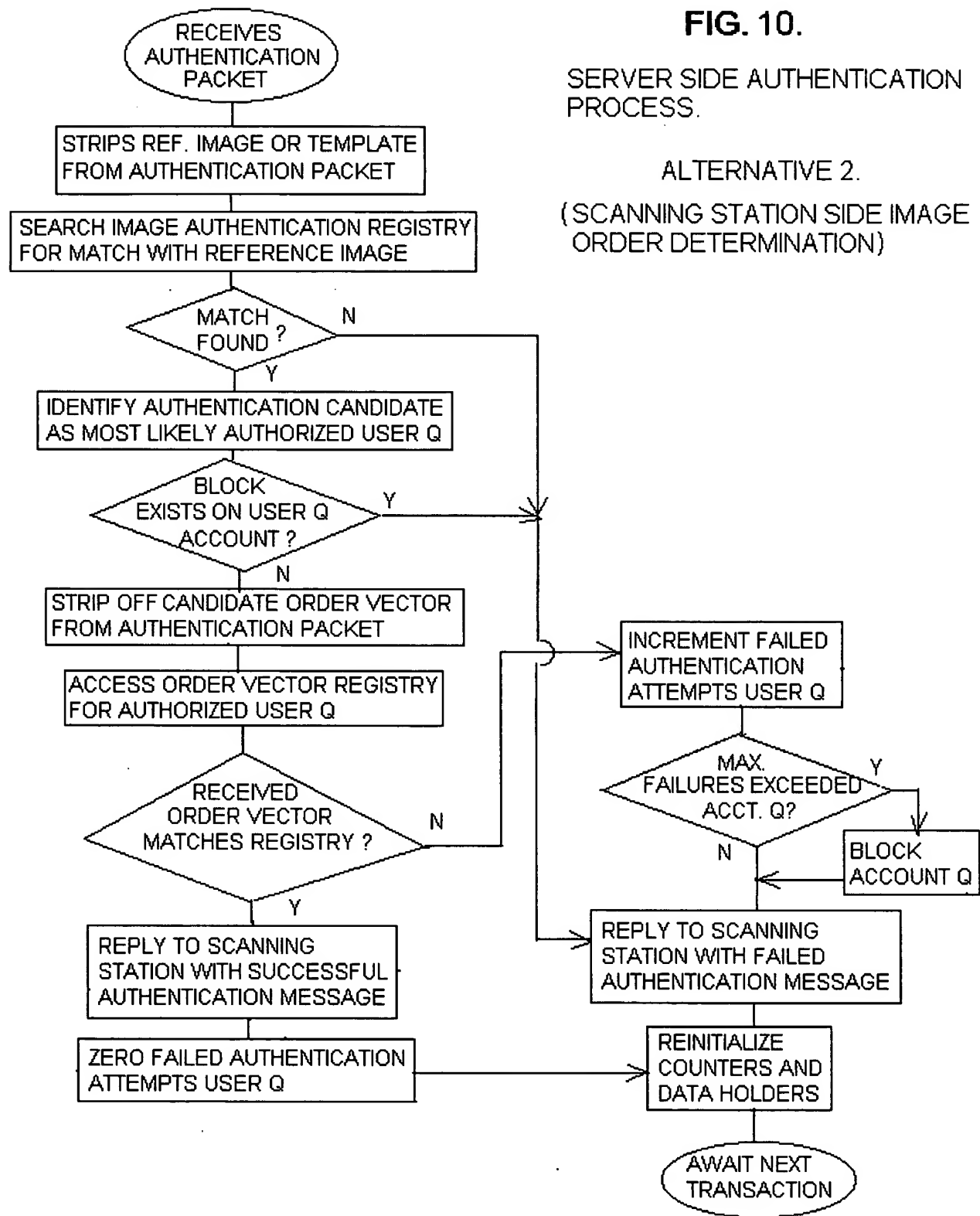


FIG. 11.

General Eye State Correlation Patterns

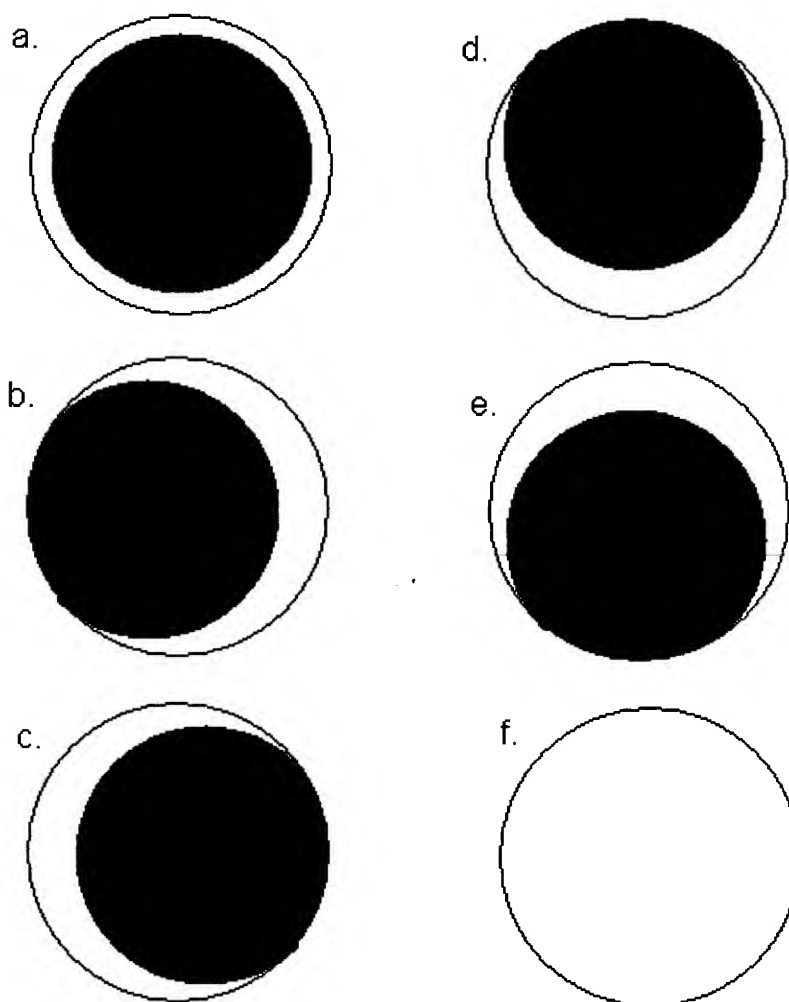


FIG.12.

TECHNICAL ALTERNATIVES ASSOCIATED WITH IMPLEMENTATION

AUTHENTICATION SERVER					
SCANNING STATION	Comparison of Raw Images	Server Side Template Reduction and Comparison	Template Comparison	Server Side General Eye State Correlation	Direct Comparison of Eye State Vector
	Raw Iris Images	✓	✓	X	X
	Image Derived Template	X	X	✓	X
	Scan. Stat. General Eye State Correlation	X	X	X	✓